

ESR on Sm^{3+} ions in mixed-valence compound

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Abstract

In ESR study on Sm^{3+} ion in the intermediate-valence single crystals SmB_6 spectra are first found static Jahn-Teller effect on the rare earth ion. The energy of Jahn-Teller splitting is estimated.

Keywords

ESR, Fluctuating valence, Jahn-Teller effect